Docket No. AF01182

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Zheng et al.

Serial No.:

10/658,506

Filed:

September 9, 2003

Title:

MEMORY DEVICE HAVING HIGH WORK FUNCTION GATE AND METHOD OF ERASING

SAME

Art Unit: Examiner: 2818 Unknown

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, pending applications, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed, except for (a) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120, and (b) any U.S. patent or U.S. patent application publication if the present application was filed after June 30, 2003 or entered the national stage under 35 USC § 371 after June 30, 2003:

| Serial No.: | | |
|--------------|--|--|
| Filing Date: | | |

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449. Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly. although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

- Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):
 - A copy of each English language version of a search report (or EPO Search Report) (a) X indicating the degree of relevance found by the foreign office of each document being submitted from the search report, is being submitted herewith or has previously been submitted. In particular, a copy of the International Search Report for PCT/US03/30000 is being submitted herewith.
 - Attached is a "Concise Explanation of Relevance of Non-English Language Documents". (b) ___
- Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked): 3.
 - Within 3 months of the filing date or date of entry into the National Stage. (a) ___
 - Before the mailing date of a first Office Action on the merits. If this Statement is not filed (b) X__ before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988 for consideration of this Statement.

| | (c) | Before the mailing date of a first Office Action on the merits after a first or second submission after final rejection under 37 C.F.R. 1.129(a). | | |
|-------|---|---|--|--|
| | (d) | After the period set forth in 37 C.F.F action or a notice of allowance. | R, 1.97(b) but before the mailing date of either a final | |
| | (1) | The required certification is given b | elow, <u>or</u> | |
| | (2) | Enclosed is a check covering the fe Statement, or | e set forth in 37 C.F.R. 1.17(p) for consideration of this | |
| | (3) | Charge the fee set forth in 37 C.F.F | R. 1.17(p) to Deposit Account No. 18-0988 | |
| | (e) | After the mailing date of either a fin of the issue fee. Petition hereby is required certification is indicated be | al action or a notice of allowance, but before payment made for consideration of this Statement and the elow. | |
| | (1) | _ Enclosed is a check covering the fe | ee set forth in 37 C.F.R. 1.17(p), or | |
| | (2) | Charge the fee set forth in 37 C.F.I | R. 1.17(p) to Deposit Account No. 18-0988. | |
| 4. | Certification | (if applicable) | | |
| | (a) | was first cited in any communication | hat each item of information contained in this Statement on from a foreign patent office in a counterpart foreign s prior to the filing of this Statement. | |
| | (b) | was cited in a communication from application, and, to the undersigned of information contained in this state. | hat no item of information contained in this Statement a foreign patent office in a counterpart foreign ed's knowledge after making reasonable inquiry, no item tement was known to any individual designated in 37 s prior to the filing of this Statement. | |
| 5. | The Commi | issioner is hereby authorized to charg | ge any additional fees or credit any overpayment to | |
| Depos | it Account No. | 18-0988. | espectfully submitted, | |
| | | R | ENNER, OTTO, BOISSELLE & SKLAR, LLP | |
| | | В | M. David Galin; Reg. No. 41,767 | |
| Cleve | Euclid Avenue, land, Ohio 44 621-1113 | | | |
| | | CERTIFICATE OF MAILIN | IG UNDER 37 C.F.R. §1.8 | |
| | | aw data with the Linited States Posta | paper referenced as being attached or enclosed) is being I Service with sufficient postage as first class mail in an ox 1450, Alexandria, VA 22313-1450. | |
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| Form PTO-1449 (Modified) | and 6 | Atty Docket No. | Serial No. |
| , | MAR 0 5 700% © | AF01182 | 10/658,506 |
| LIST OF PATENTS | AND PUBLICATIONS | Applicant: | <u> </u> |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICATIONS INFORMATION DISCLOSURE STATEMENT | | Zheng et al. | |
| (Use several sheets if necessary) | | Filing Date | Group |
| | | September 9, 2003 | 2818 |

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date (MM/YYYY) | Name | Class | Sub-class | Filing Date if Appropriate |
|---------------------|-----------------|-------------------|--------------------|-------|-----------|-------------------------------|
| | 6,215,702 | 04/2001 | Derhacobian et al. | | | |
| | 6,137,718 | 10/2000 | Reisinger | | | |
| | 5,311,049 | 05/1994 | Tsuruta | | | |
| | 6,265,268 | 07/2001 | Halliyal et al. | | | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date (MM/YYYY) | Country | Class | Sub- class | Translation | |
|---------------------|-----------------|-------------------|---------|-------|---------------|-------------|----|
| | | | | | | Yes | No |
| | WO 98/06138 | 02/1998 | wo | | | | Х |
| | | | | | | | |
| | | | | | | <u> </u> | |

OTHER ART

| Examiner Initial | Author, Title, Date, Pertinent Pages, etc. |
|---------------------|--|
| | Reisinger H. et al., "A Novel Sonos Structure for Nonvolatile Memories with Improved Data Retention", 1997 Symposium on VLSI Technology Digest of Technical Papers, June 10, 1997, pages 113-114 |
| | |

| EXAMINER | DATE CONSIDERED | |
|----------|-----------------|--|
| | | |

EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement PTO-1449 (Modified)

The identification of any reference is not intended to be, and should not be understood as being, an admission that such publication, in fact, constitutes "prior art" within the meaning of applicable law since, for example, a given reference may have a later effective date than first seems apparent or the reference may have an effective date which can be antedated. The "prior art" status of any reference is a matter to be resolved during prosecution. R:\DGalin\AMDS\PAF01182US\AMDFPAF01182US\IDS(supplemental).wpd (IDS1449.FRM) (2/97)